



1 **Education and Workforce Development Cabinet**

2 **Kentucky Board of Education**

3 **Department of Education**

4 **(Amendment)**

5 **704 KAR 3:303. Required core academic standards.**

6 RELATES TO: KRS 156.070, 156.160, 158.6451, 158.6453, 160.290

7 STATUTORY AUTHORITY: KRS 156.070, 156.160, 158.6453

8 NECESSITY, FUNCTION, AND CONFORMITY: KRS 156.160 requires the Kentucky Board  
9 of Education to establish courses of study for the different grades and kinds of common schools,  
10 with the courses of study to comply with the expected outcomes for students and schools  
11 established in KRS 158.6451 and KRS 158.6453 requires the revision of academic content

12 standards. KRS 156.070(1) requires the Kentucky Board of Education to manage and control the  
13 common schools and all programs operated in the schools. KRS 160.290 authorizes local boards  
14 of education to provide for courses and other services for students consistent with the  
15 administrative regulations of the Kentucky Board of Education. This administrative regulation  
16 incorporates by reference the Kentucky core academic standards, which contains the general  
17 courses of study and academic content standards for use in Kentucky's common schools.

18 Section 1. Before graduating from a Kentucky public high school, a student shall meet the  
19 minimum content requirements established in the Kentucky core academic standards.

20 Section 2. Incorporation by Reference. (1) The "Kentucky Core Academic Standards, June 2013

21 [~~June 2010~~]", is incorporated by reference.

- 1 (2) This material may be inspected, copied, or obtained, subject to applicable copyright law, at
- 2 the Division of Program Standards [~~Curriculum Development~~], Department of Education, 18th
- 3 Floor, Capital Plaza Tower, Frankfort, Monday through Friday, 8 a.m. through 4:30 p.m.

This is to certify that the chief state school officer has reviewed and recommended this administrative regulation prior to its adoption by the Kentucky Board of Education, as required by KRS 156.070(5).

6-13-13  
(Date)

Terry Holliday  
Terry Holliday, Ph.D.  
Commissioner of Education

6-13-13  
(Date)

David Karem  
David Karem, Chairperson  
Kentucky Board of Education

**PUBLIC HEARING AND PUBLIC COMMENT PERIOD:** A public hearing on this proposed administrative regulation shall be held on July 23, 2013, at 10:00 a.m. in the State Board Room, 1<sup>st</sup> Floor, Capital Plaza Tower, 500 Mero Street, Frankfort, Kentucky. Individuals interested in being heard at this meeting shall notify this agency in writing, five working days prior to the hearing, of their intent to attend. If no notification of intent to attend the hearing is received by that date, the hearing may be canceled. This hearing is open to the public. Any person who wishes to be heard will be given an opportunity to comment on the proposed administrative regulation. A transcript of the public hearing will not be made unless a written request for a transcript is made. If you do not wish to be heard at the public hearing, you may submit written comments on the proposed administrative regulation. Written comments shall be accepted until July 31, 2013. Send written notification of intent to be heard at the public hearing or written comments on the proposed administrative regulation to Kevin C. Brown, General Counsel, Kentucky Department of Education, First Floor, Capital Plaza Tower, 500 Mero Street, Frankfort, Kentucky, 40601, phone 502-564-4474, fax 502-564-9321.

## REGULATORY IMPACT ANALYSIS AND TIERING STATEMENT

Administrative Regulation: 704 KAR 3:303, Kentucky Core Academic Standards

Agency Contact Person: Kevin C. Brown

(1) Provide a brief summary of:

(a) What this administrative regulation does: This administrative regulation establishes courses of study (standards) for the common schools in Kentucky through the Kentucky Core Academic Standards that are incorporated by reference.

(b) The necessity of this administrative regulation: KRS 156.160 requires the Kentucky Board of Education to prescribe courses of study and KRS 158.6453 requires the revision of science standards. This administrative regulation establishes content standards for Kentucky students in grades K-12.

(c) How this administrative regulation conforms to the content of the authorizing statute: This administrative regulation establishes content standards for grades K-12 through the Kentucky Core Academic Standards, incorporated by reference, and specifically amends the standards to include revised science standards.

(d) How this administrative regulation currently assists or will assist in the effective administration of the statutes: This administrative regulation provides schools with specific standards to be met through course of study. This administrative regulation does not establish school curriculum. School curriculum is prescribed by local school districts pursuant to KRS 160.290 and KRS 160.345.

(2) If this is an amendment to an existing administrative regulation, provide a brief summary of:

(a) How the amendment will change this existing administrative regulation: This amendment to 704 KAR 3:303 replaces the Kentucky Core Academic Standards for Science adopted by the Kentucky Board of Education in 2006 with the new next generation science standards adopted by the Kentucky Board of Education on June 5, 2013.

(b) The necessity of the amendment to this administrative regulation: Because the Kentucky Board of Education has adopted new science standards as required by KRS 158.6453, the regulation must be amended to include the new standards.

(c) How the amendment conforms to the content of the authorizing statute: This administrative regulation establishes content standards for students in grades K-12, and the amendment updates the science standards as approved by the Kentucky Board of Education and as required by KRS 158.6453.

(d) How the amendment will assist in the effective administration of the statutes: This administrative regulation provides schools with specific standards and the amendment updates those standards for science as required by KRS 158.6453.

(3) List the type and number of individuals, businesses, organizations, or state and local governments affected by this administrative regulation: Those entities impacted by this amendment will be: 174 public school districts

(4) Provide an analysis of how the entities identified in question (3) will be impacted by either the implementation of this administrative regulation, if new, or by the change, if it is an amendment, including:

(a) List the actions that each of the regulated entities identified in question (3) will have to take to comply with this administrative regulation or amendment: Districts will assist schools in aligning the educational programs in schools to meet the requirements in the Kentucky Core Academic Standards.

(b) In complying with this administrative regulation or amendment, how much will it cost each of the entities identified in question (3): The Kentucky Department of Education will invest approximately \$1.5 million over the next three years to support science leadership networks that will support the implementation of the amended science standards. Each school district, over the next three years, will invest approximately \$6,000.00 per school in support of local leadership teams as those teams attend the professional learning to support their districts in the implementation of the standards. It is estimated that districts will incur an additional \$10,000 cost for local resources.

(c) As a result of compliance, what benefits will accrue to the entities identified in question (3): New science standards define what students need to know and be able to do to be college and career ready, which includes being scientifically literate and an effective member of the workforce; define performance expectations for High School Earth and Space Science, Biology, Physics, and Chemistry as essential for ALL students to be Career and College Ready; define a K-12 progression of knowledge, skills, and practices; students will enter high school ready to meet the high school performance expectations and the new standards require application of literacy and mathematics practices.

(5) Provide an estimate of how much it will cost the administrative body to implement this administrative regulation:

(a) Initially: KDE will invest approximately \$1.5 million over the next three years to support science leadership networks to help implement the amended science standards. Each school district, over the next three years, will invest approximately \$6,000.00 per school in support of local leadership teams as they attend professional learning necessary to support their districts in the implementation of the standards. It is estimated that an additional \$10,000 could be necessary for resources at the local level, but subject to available funds.

(b) On a continuing basis: After the initial three year expenditure, KDE will continue to support local school districts through access to resources available through the Continuous Instructional Improvement System (CIITS.) The cost of CIITS, to KDE, including all components, is approximately \$4 million per year.

(6) What is the source of the funding to be used for the implementation of this administrative regulation: State funds for teacher academies and Professional Development have been redirected

for this purpose. Some general fund dollars, in addition to federal Race to the Top III and private foundation grants, are also supporting the leadership networks. Federal Title II funding also supports implementation.

(7) Provide an assessment of whether an increase in fees or funding will be necessary to implement this administrative regulation, if new, or by the change if it is an amendment: To continue to implement SB 1 (2009) mandates (codified as KRS 158.6453), KDE will ask for additional funds in the next biennial budget request.

(8) State whether or not this administrative regulation establishes any fees or directly or indirectly increases any fees: No fees are established by this administrative regulation.

(9) TIERING: Is tiering applied? (Explain why or why not) Tiering was not appropriate in this administrative regulation because the administrative regulation applies equally to all.

## FISCAL NOTE ON STATE OR LOCAL GOVERNMENT

Regulation Number: 704 KAR 3:303

Contact Person: Kevin Brown

Phone number: 564-4474

(1) What units, parts, or divisions of state or local government (including cities, counties, fire departments, or school districts) will be impacted by this administrative regulation? 174 public school districts.

(2) Identify each state or federal statute or federal regulation that requires or authorizes the action taken by the administrative regulation. KRS 156.070, 156.160, 158.6451, 158.6453, KRS 160.290.

(3) Estimate the effect of this administrative regulation on the expenditures and revenues of a state or local government agency (including cities, counties, fire departments, or school districts) for the first full year the administrative regulation is to be in effect.

(a) How much revenue will this administrative regulation generate for the state or local government (including cities, counties, fire departments, or school districts) for the first year? No additional revenue will be generated by this amendment to 704 KAR 3:303.

(b) How much revenue will this administrative regulation generate for the state or local government (including cities, counties, fire departments, or school districts) for subsequent years? No additional revenue will be generated by this amendment to 704 KAR 3:303.

(c) How much will it cost to administer this program for the first year? The Kentucky Department of Education will invest approximately \$1.5 million over the next three years to support science leadership networks that will support the implementation of the amended science standards. Each school district, over the next three years, will invest approximately \$6,000.00 per school in support of local leadership teams as those teams attend the professional learning to support their districts in the implementation of the standards. It is estimated that districts may need to incur an additional \$10,000 cost for local resources, subject to available funds.

(d) How much will it cost to administer this program for subsequent years? At the end of three years, KDE will continue to support the districts through the access districts have to resources through the Continuous Instructional Improvement Technology System (CIITS.) The cost of CIITS to KDE, including all components, is about \$4 million per year.

Note: If specific dollar estimates cannot be determined, provide a brief narrative to explain the fiscal impact of the administrative regulation.

Revenues (+/-):

Expenditures (+/-):

Other Explanation:



**Summary Page - Incorporation by Reference**

**704 KAR 3:303. Required core academic standards.**

- (1) The following document is incorporated by reference:
  - (a) The "Kentucky Core Academic Standards, June 2013."
- (2) The document contains the academic content standards for Kentucky students in grades K-12.
- (3) The document incorporated by reference consists of 584 pages.